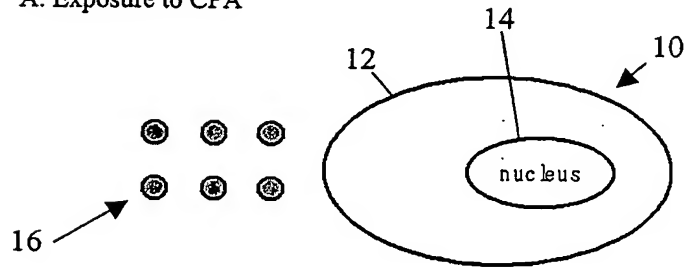
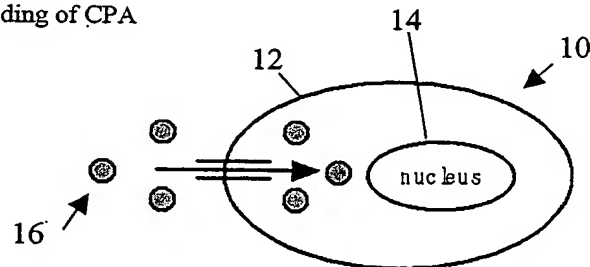


Sheet 1 of 9

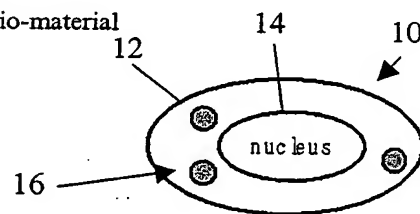
A. Exposure to CPA



B. Loading of CPA



C. Preservation of Bio-material



D. Recovery of Bio-material

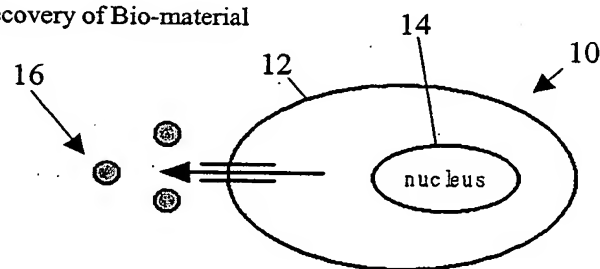


FIGURE 1

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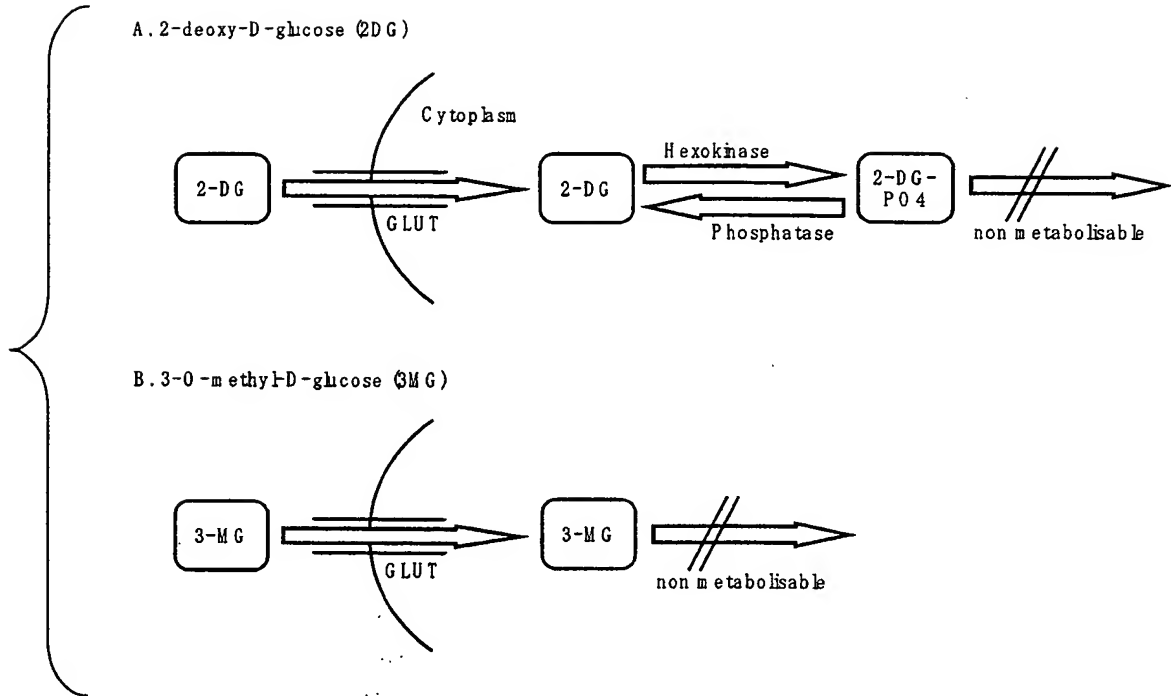
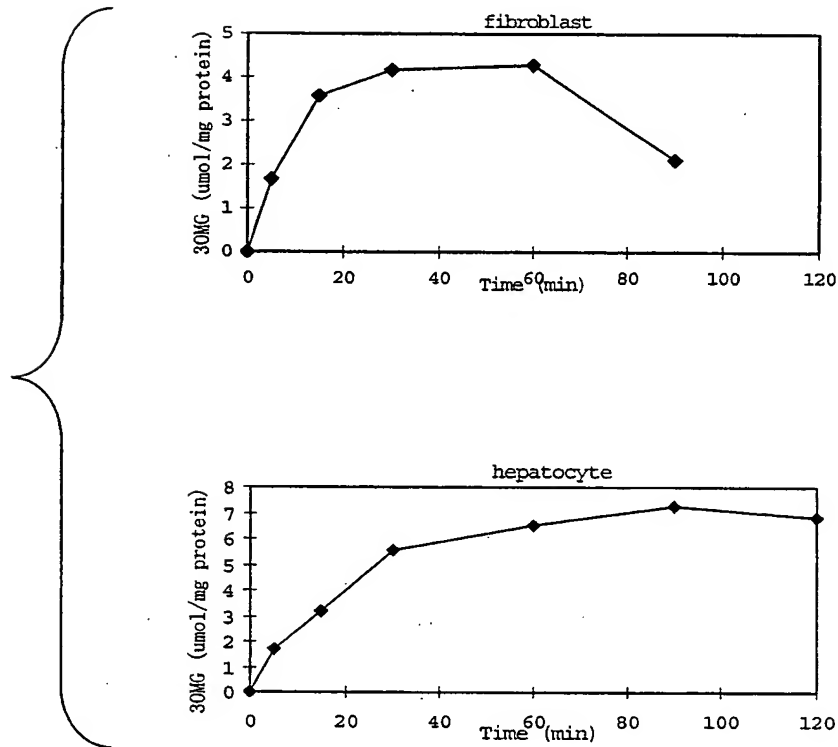


FIGURE 2

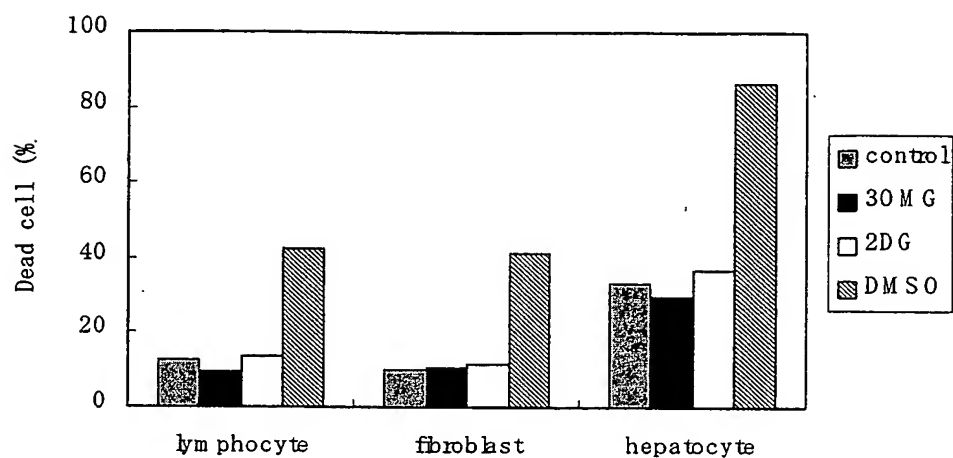
Sheet 3 of 9



Concentration of intracellular 3OMG measured using radiolabeled 3OMG

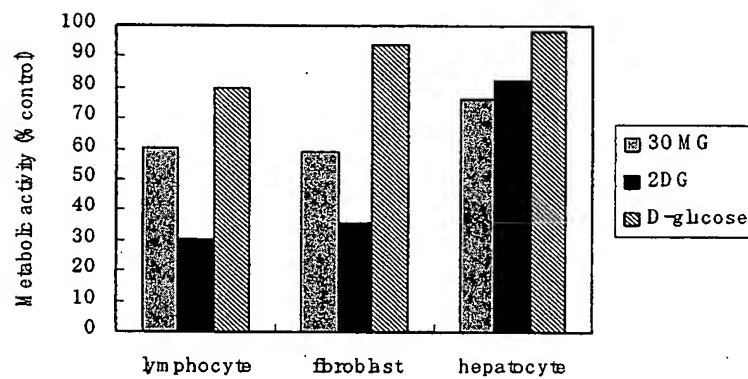
FIGURE 3

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Percentage of dead cells after loading glucoses or DMSO

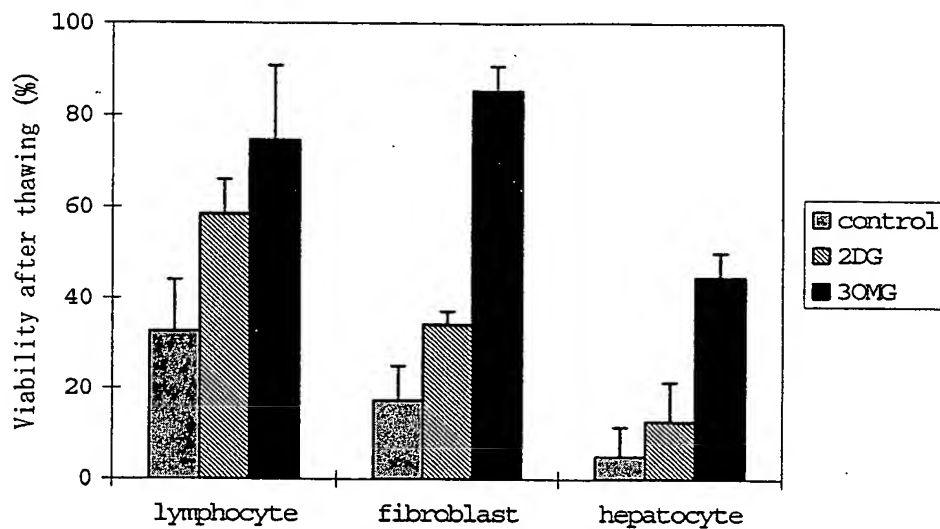
FIGURE 4



Metabolic activity was assessed measuring the MTT reduction activity

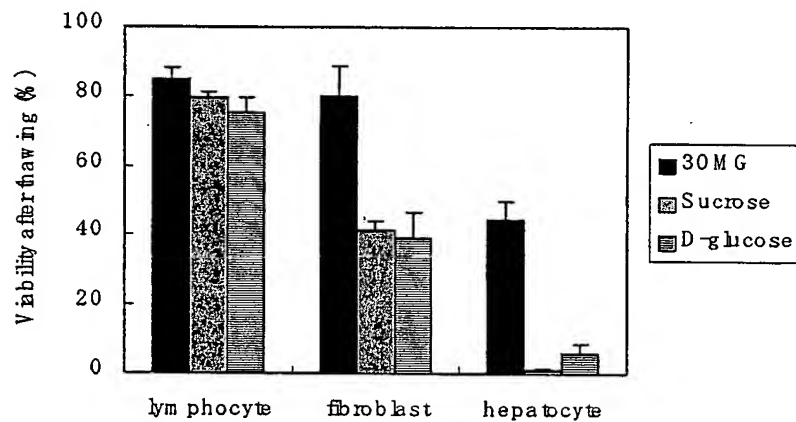
FIGURE 5

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Viability of cryopreserved mammalian cells with glucose loading

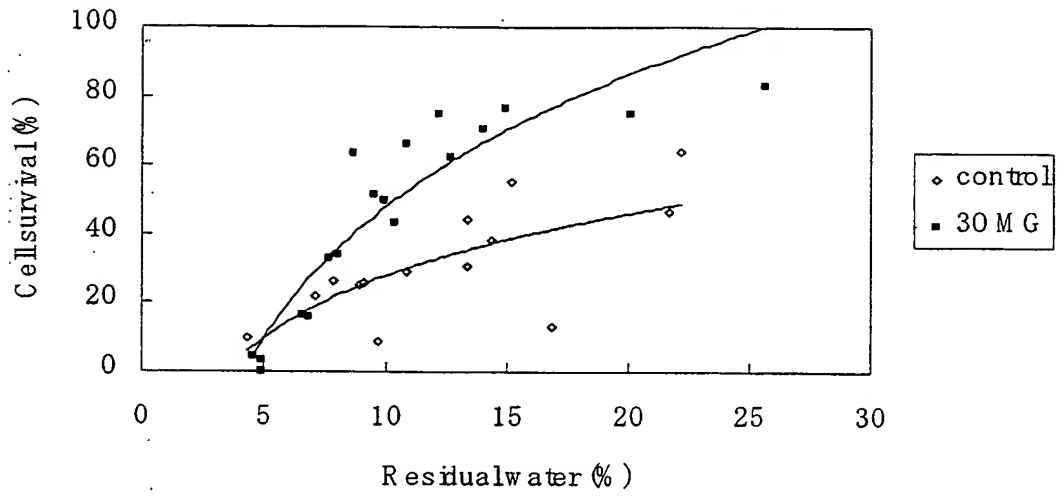
FIGURE 6



Viability of cryopreserved mammalian cells preserved using different agents

FIGURE 7

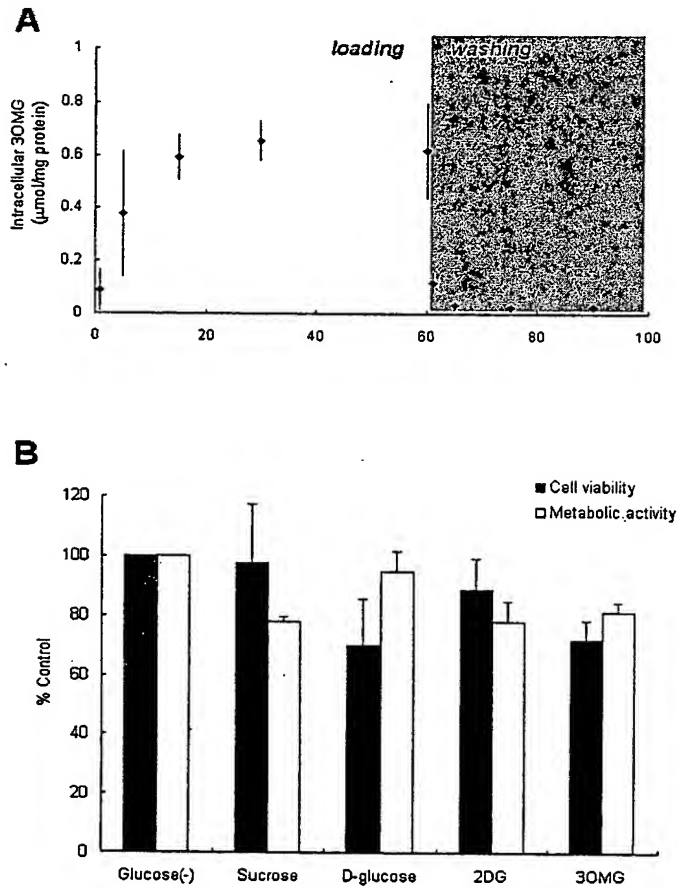
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Cell survival as a function of residual water in the sample after drying with or without 30MG loading

FIGURE 8

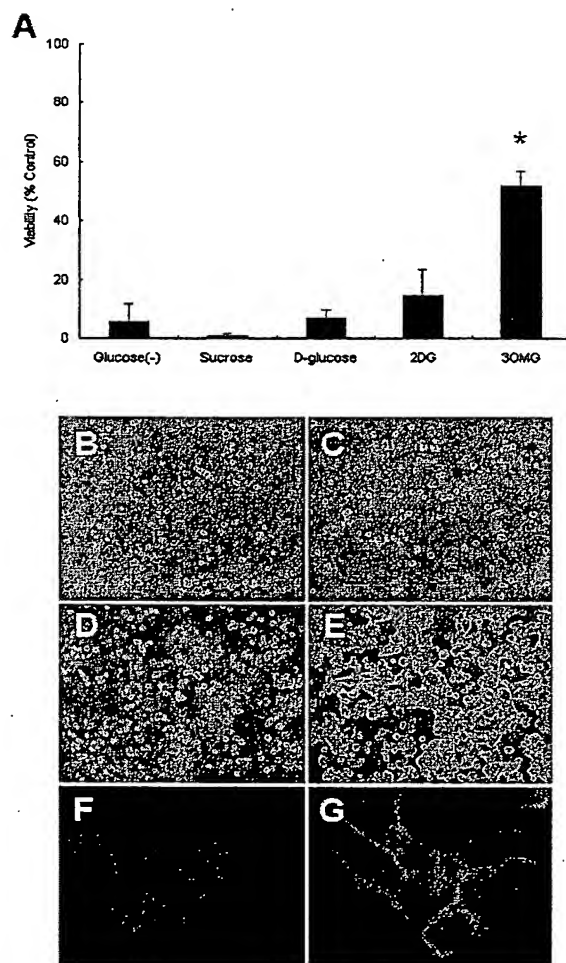
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Kinetics of 3OMG uptake and efflux on hepatocytes and effects on viability and metabolic activity

FIGURE 9

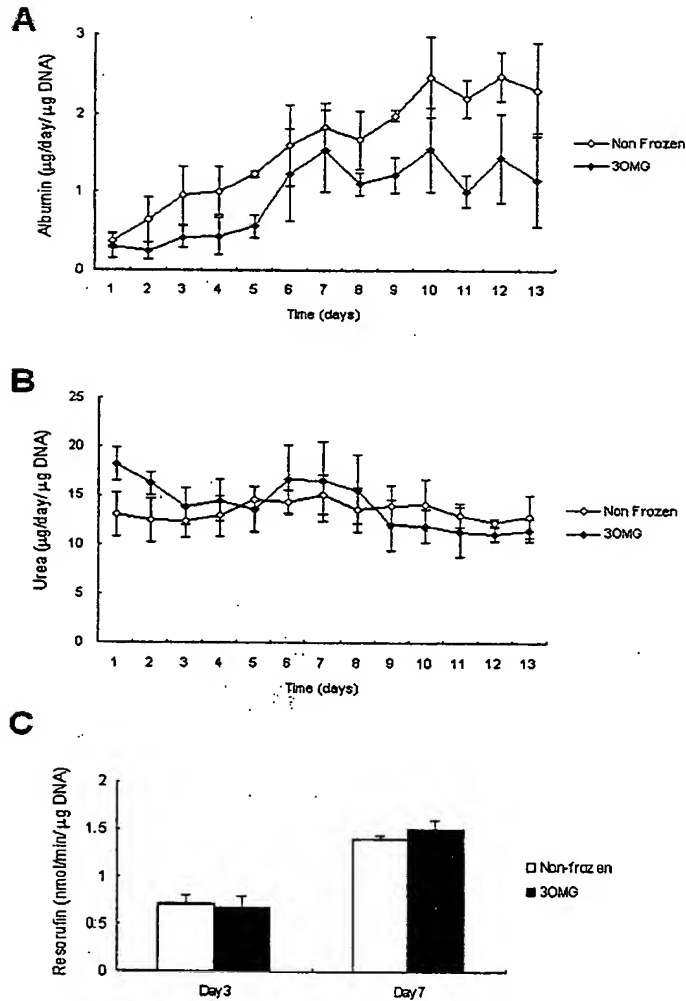
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Post-thaw viability of cryopreserved hepatocytes

FIGURE 10

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Albumin production, urea production, and cytochrome P450 activity of treated hepatocytes

FIGURE 11